

20030310.ba v03_n460.bam.20030310

>From ???@??? Mon Mar 10 20:31:28 2003 -0600
Message-Id: <200303110231.h2B2VQm3024619@sco.theporch.com>
Date: Mon, 10 Mar 2003 20:31:02 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3460

BOATANCHORS Digest 3460

Topics covered in this issue include:

- 1) Re: BC348 conversion/ps
by "David L. Thompson" <thompson@mindspring.com>
- 2) Re: BC-348R conversion/ps (and fried transformers)
by Al Klase <skywaves@bw.webex.net>
- 3) Re: ?? re 1935 Skyrider xtal filter
by W7QH0@aol.com
- 4) Re: BC348 conversion/ps
by "Hue Miller" <kargo_cult@msn.com>
- 5) Re: For Sale: Various Items
by "Marty's Refl. Drop" <polepeeg@aaa4rm.ba-watch.org>
- 6) Re: ?? re 1935 Skyrider xtal filter
by "Hue Miller" <kargo_cult@msn.com>
- 7) Help Restoration of NC - 125
by John Dilks - K2TQN <oldradio@worldnet.att.net>
- 8) Re: BC348 conversion/ps
by W7QH0@aol.com
- 9) skyrider
by "philip" <dgnova@erols.com>
- 10) please post in plain text!
by Bob Roehrig <broehrig@aurora.edu>
- 11) Re: ?? re 1935 Skyrider xtal filter
by "Hue Miller" <kargo_cult@msn.com>
- 12) Re: BC-348R conversion/ps (and fried transformers)
by WA5CAB@cs.com
- 13) Re: BC348 conversion/ps
by Steve Berg <wa9jml@tbc.net>
- 14) Re: BC348 conversion/ps
by "Hue Miller" <kargo_cult@msn.com>
- 15) Re: Help Restoration of NC - 125
by John Dilks - K2TQN <oldradio@worldnet.att.net>
- 16) RE: Help Restoration of NC - 125
by Don Reaves W5OR <w5or@comcast.net>
- 17) Re: ?? re 1935 Skyrider xtal filter
by Al Klase <skywaves@bw.webex.net>
- 18) Parts Request for the submarine USS COBIA

by Tom Aschenbrenner <boat@Aschen.com>

Message-ID: <005101c2e749\$76d514a0\$4f8756d1@default>
From: "David L. Thompson" <thompson@mindspring.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: BC348 conversion/ps
Date: Mon, 10 Mar 2003 16:10:21 -0500

Back in 1955 most hams modified receivers such as the BC-348Q to actually use them in their station. There was no planned effort or intent other than to have gear on the ham bands.

Pay was lower then and most hams could not afford Collins or even Hallicrafters so this was the way to get on the air.

I remember Don W3EIS(later W3IN, N4IN now SK) telling me that he used converted surplus gear back then as government pay did not provide for gear on top of basic living expenses.

I don't think there was any intent to destroy the surplus gear only use it!

73 Dave K4JRB

Message-ID: <3E6CFF2E.7030109@bw.webex.net>
Date: Mon, 10 Mar 2003 16:10:06 -0500
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: BC-348R conversion/ps (and fried transformers)
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Verrrry interesting: The later 348's, the ones with the sinle-ended tubes, do apply that negative voltage to the grid three of the 6SA7 converter. The 6SA7 signal grid has a remote-cutoff characteristic normally used to apply AVC. Apparently the designers wanted to limit the gain of this stage. I'd leave it alone, as I'm not smart enough to second guess the gain structure of such a finely crafted receiver.

Of course, in the earlier sets, Arden's hack is OK if you have some pressing reason to ground B-.

Al

Bob Roehrig wrote:

> On Mon, 10 Mar 2003, Arden Allen wrote:

>

>

>>My solution to the BC-348 audio output tube bias problem is to ground B+
>>return and install cathode resistor (with 25uF bypass) for self bias of
>>output tube. Works FB.

>

>

>

> Maybe I am thinking of another receiver (and I don't have my 348 dope here
> at work) but wasn't here also another stage using that bias (or part of
> it) like the mixer stage?

--

Al Klase - N3FRQ

skywaves@bw.webex.net

Flemington, NJ 08822

Web Page: <http://www.webex.net/~skywaves/home.htm>

From: W7QH0@aol.com

Message-ID: <125.1f503a35.2b9e5b8f@aol.com>

Date: Mon, 10 Mar 2003 16:20:15 EST

Subject: Re: ?? re 1935 Skyrider xtal filter

To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0

Content-Type: multipart/alternative;

boundary="part1_125.1f503a35.2b9e5b8f_boundary"

--part1_125.1f503a35.2b9e5b8f_boundary

Content-Type: text/plain; charset="ISO-8859-1"

Content-Transfer-Encoding: quoted-printable

In a message dated 3/10/03 11:58:50 AM, skywaves@bw.webex.net writes:

> =A0 I don't think it ever=20

> worked all that well as it mostly disappeared by about 1935=20

>=20

All,

Did any of the early circuits work all that well? Never have been able to=20

get the crystal filter in my 1935 SX-9 to work worth a darn -- high overall=20
attenuation when switched in, anemic peak and notch, touchy phasing control,=
=20
no selectivity control. Ditto my 1938 SX-17. Can anybody comment of=20
other stuff of the period, HRO, RME, etc? The circuit in the AR-88 is good=
=20
even without a phasing control (added on later models). Filter setup in=20
the HQ-129X is pretty good too but this was post-war.

Dennis D. W7QHO
Glendale, CA

--part1_125.1f503a35.2b9e5b8f_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1_125.1f503a35.2b9e5b8f_boundary--

From: "Hue Miller" <kargo_cult@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: BC348 conversion/ps
Date: Mon, 10 Mar 2003 13:19:42 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-ID: <0E156Z05Wivl7GYnh7B00009227@hotmail.com>

> I don't think there was any intent to destroy the surplus gear only use it!
>
> 73 Dave K4JRB

No- no intent to destroy it, that only was applied to
some captured gear in war areas.
But, some hams apparently didn't even like the gear
having idenfiable marks as mil-surplus, cuz they sometimes

removed the nameplate, repainted strange colors, or
re front-paneled perfectly acceptable looking equipment.
Hue

Date: Mon, 10 Mar 2003 16:24:45 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200303102124.QAA06013@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: For Sale: Various Items

} TU-75A Transmitter Tuning Unit - New in Box!.....\$85
} This is a VHF transmitter. The photos show it as found and removed
} from the box with the dust removed. I have not been able to find any
} info on this unit. Based on the 4-45 stamped on the box, I believe it is

That's a deck with 3 815s. Called TU-75 'cause orig. intent was in BC-400
Marker beacon set that ran around 75mcs. Outer marker had one
AM modulated tone, middle another (& another TU-75), etc.

ALSO ingeniously re-used in BC-1158 ARW-4 "simultaneous bomb-drop" control
transmitter. One (of 5) tones opened all bomb-bays in a bomber box,
another released 'em, etc..

Were sold in huge quantities around Wright-Pat in 50s & many put 'em on 6.

Notice my hand's up!

So I go 45 yr.s after 1955 & find out FINALLY how the #@ \$! TU-75s were
employed.

AND one avionics guy nearby says BC-400s/TU-75s are still out in the sticks!!!

Marty

From: "Hue Miller" <kargo_cult@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: ?? re 1935 Skyrider xtal filter
Date: Mon, 10 Mar 2003 13:27:48 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-ID: <0E128tVoMDrxxnSYe4n000004d2@hotmail.com>

I wonder if taking the crystal out and cleaning it

would help. One of the surplus articles had this recommendation for the BC-348, it said wax would melt onto the crystal and apparently damp its action.
Hue Miller

Message-Id: <5.1.1.6.0.20030310163937.02a38ba0@ipostoffice.worldnet.att.net>
Date: Mon, 10 Mar 2003 16:43:49 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: John Dilks - K2TQN <oldradio@worldnet.att.net>
Subject: Help Restoration of NC - 125
Cc: <eipm@gofreee.indigo.ie>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,

Would anyone familiar with National be able to help Pat? Please reply directly to him at
eipm@gofreee.indigo.ie

Thanks & 73' John, K2TQN

At 07:55 PM 3/10/03 +0000, you wrote:
> Dear John - I recently bought a National NC - 125
> receiver in need of restoration. It powers up & receives
> okay but it's very noisy. Can you recommend a site
> where I can get some restoration tips?
> Regards Pat Duffy EI5IS <eipm@gofreee.indigo.ie>

From: W7QH0@aol.com
Message-ID: <bf.2f402576.2b9e61a4@aol.com>
Date: Mon, 10 Mar 2003 16:46:12 EST
Subject: Re: BC348 conversion/ps
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_bf.2f402576.2b9e61a4_boundary"

--part1_bf.2f402576.2b9e61a4_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 3/10/03 1:25:05 PM, kargo_cult@msn.com writes:

> But, some hams apparently didn't even like the gear
> having idenfiabile marks as mil-surplus, cuz they sometimes
> removed the nameplate, repainted strange colors.....
>

Sech shennagins not confined to military stuff, I'm 'fraid to say. Picked
up a classic Hallicrafters
PM-23 speaker a number of years ago that had been completely repainted with
flat yellow latex wall covering. Yech!

Dennis D. W7QH0
Glendale, CA

--part1_bf.2f402576.2b9e61a4_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
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*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1_bf.2f402576.2b9e61a4_boundary--

Message-ID: <007701c2e750\$42371020\$f2062c42@default>
From: "philip" <dgnova@erols.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: skyrider
Date: Mon, 10 Mar 2003 16:59:00 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Re the skyrider:
Haveing operated the halicrafters, SX10,11,12,15,17 and others, I
have found that the crystal filter is very poor. It barely works.

The HRO filter is one of the best I have every used.

The parallel position is for creating a notch. You still have the wide bandwidth, but you have a sharpe nul for getting rid of heterodynes. It was very handy. I used the one on the National AGS and the RME-69

Date: Mon, 10 Mar 2003 15:59:10 -0600 (CST)
From: Bob Roehrig <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: please post in plain text!
Message-ID: <Pine.OSF.4.53.0303101557430.159881@mail.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I see a lot of messages here that don't show up - merely a indicator that the post is an attachment or not plain text. Please send plain text.

Bob Roehrig
Aurora University Telecom/IS dept.
broehrig@aurora.edu 73 de K9EUI
630-844-4898 fax 630-844-4222

From: "Hue Miller" <kargo_cult@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: ?? re 1935 Skyriders xtal filter
Date: Mon, 10 Mar 2003 14:09:28 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-ID: <0E81KvPEkGhAj5p1Fjx0000006e5@hotmail.com>

Well, there's only two things that could be wrong, i think:

1. the crystal may no longer be active. unlikely?
2. the grid-side load for the crystal circuit, impedance is wrong. This has to be a fairly low impedance. I don't know how the SX-9 terminates the crystal, but you might try a temporary change, either a RFC, a low value resistor, or a tuned IF LC circuit either off-resonance tuned or Q spoiled with a series resistor. But, you may have already tried that...

Hue

From: WA5CAB@cs.com

Message-ID: <1d9.4bdf6d2.2b9e69af@cs.com>
Date: Mon, 10 Mar 2003 17:20:31 EST
Subject: Re: BC-348R conversion/ps (and fried transformers)
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_1d9.4bdf6d2.2b9e69af_boundary"

--part1_1d9.4bdf6d2.2b9e69af_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Bob and Group,

I haven't looked at all variants of schematics available to me here, just the ones that I already have scanned. But of those I looked at, it appears that in the BC-348-C (and BC-224-C), most of the HKLR group and most of the EMOPS group, only the audio output tube has fixed bias. And contrary to what I said or implied earlier, the drop is developed across the DC resistance of the choke in the audio pack, not that plus a resistor. However, the JNQ (or at least the J) also applies fixed bias to the VT-150 mixer. And the bias is developed across the 50 ohm fixed resistors.

However, I don't see what the big deal is today or even in 1948 or 1955. If you are using a silicon (or selenium) rectifier or a 6X5GT, just tie the ungrounded B- to the appropriate point in the set and go on about your business. If you are using a 5Y3GT, then you can't use the 5 volt winding as part of the filament supply anyway, so tie the center tap of the 5 volt winding to B- and that to the appropriate point in the radio. The only restriction, which is no problem today and wasn't much of one then, is that you will have to use filter capacitors that have both leads insulated from ground.

In a message dated 3/10/2003 2:57:43 PM Central Standard Time, boatanchors@theporch.com writes:
>My solution to the BC-348 audio output tube bias problem is to ground B+
>return and install cathode resistor (with 25uF bypass) for self bias of
>output tube. Works FB.

Maybe I am thinking of another receiver (and I don't have my 348 dope here at work) but wasn't there also another stage using that bias (or part of it) like the mixer stage?

Houston
<wa5cab@cs.com>

Mike, is this one any different?

--part1_1d9.4bdf6d2.2b9e69af_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
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* * * * *
```

--part1_1d9.4bdf6d2.2b9e69af_boundary--

Message-ID: <3E6D1353.A2AF095A@tbc.net>
Date: Mon, 10 Mar 2003 16:36:03 -0600
From: Steve Berg <wa9jml@tbc.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: BC348 conversion/ps
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There were quite a number of us in the 1960s who could not afford dedicated ham equipment. My first station used a BC-455 on 40 meters. I bought it for about \$12 from Alco Electronics. I built a power supply on it that was featured in Popular Electronics. I replaced the capacitors with oil filled paper ones from Lafayette. I regenerated the first IF stage, and used it for most of my novice career. My Mom gave me a Gotham vertical antenna for my Birthday, and I was on the air for about \$50. I used the receiver as a tunable IF for a 2 meter converter, and later loaned it to a friend, who loaned it to a friend... I have several command receivers and a transmitter, and would like to eventually get a pair working on 80 meters for occasional fun.

I've been a ham for about 40 years now, and I still can't afford Collins equipment.

73,

Steve WA9JML

From: "Hue Miller" <kargo_cult@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: BC348 conversion/ps
Date: Mon, 10 Mar 2003 14:39:57 -0800
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-ID: <0E163LkTgblYluLCTao000007df@hotmail.com>

BTW (and i would not do this to an unhacked command set), reading a 1930s issue of RADIO taught me that the reason i so hated the circuit of regen IF by gimmick cap and pot in cathode circuit, was that it varied selectivity by tube parameters change. It said the very best way to control this was to use a choke in the cathode circuit, with no gain control on this stage, the choke provides a dc path in series with the usual cathode resistor and bypass cap, and this choke is paralleled by a variable resistor which controls selectivity by damping the choke and thereby the feedback. This is the same circuit used in the "super-gainer".

Hue

Message-Id: <5.1.1.6.0.20030310183917.02a2e190@ipostoffice.worldnet.att.net>
Date: Mon, 10 Mar 2003 18:40:26 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: John Dilks - K2TQN <oldradio@worldnet.att.net>
Subject: Re: Help Restoration of NC - 125
Cc: <eipm@gofreee.indigo.ie>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I'm sorry but it appears that Pat's email is not as below. I tried several times and ways, but it bounced each time.

73' John Dilks, K2TQN

At 04:43 PM 3/10/03 -0500, John Dilks - K2TQN wrote:

>Hi Gang,

>

>Would anyone familiar with National be able to

>help Pat? Please reply directly to him at

> eipm@gofreee.indigo.ie
>
>Thanks & 73' John, K2TQN
>
>At 07:55 PM 3/10/03 +0000, you wrote:
>> Dear John - I recently bought a National NC - 125
>> receiver in need of restoration. It powers up & receives
>> okay but it's very noisy. Can you recommend a site
>> where I can get some restoration tips?
>> Regards Pat Duffy EI5IS <eipm@gofreee.indigo.ie>

Date: Mon, 10 Mar 2003 18:09:58 -0600
From: Don Reaves W5OR <w5or@comcast.net>
Subject: RE: Help Restoration of NC - 125
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <001201c2e762\$8d8ec330\$6700a8c0@abit>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Might be one too many e's in that email address.
At least gofree.indigo.ie responds to pings.

Don W5OR

>
> I'm sorry but it appears that Pat's email is not as below. I
> tried several
> times and ways, but it bounced each time.
>
> 73' John Dilks, K2TQN
>
> At 04:43 PM 3/10/03 -0500, John Dilks - K2TQN wrote:
> >Hi Gang,
> >
> >Would anyone familiar with National be able to
> >help Pat? Please reply directly to him at
> > eipm@gofreee.indigo.ie
> >
> >Thanks & 73' John, K2TQN
> >
> >At 07:55 PM 3/10/03 +0000, you wrote:
> >> Dear John - I recently bought a National NC - 125
> >> receiver in need of restoration. It powers up & receives
> >> okay but
> >> it's very noisy. Can you recommend a site where I can get some

> >> restoration tips? Regards Pat Duffy EI5IS
> <eipm@gofreee.indigo.ie>
>

Message-ID: <3E6D47F2.6020804@bw.webex.net>
Date: Mon, 10 Mar 2003 21:20:34 -0500
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: ?? re 1935 Skyrider xtal filter
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hue Miller wrote:

> Well, there's only two things that could be wrong, i
> think:
> 1. the crystal may no longer be active. unlikely?
> 2. the grid-side load for the crystal circuit, impedance
> is wrong.

Well actually there are at least three things that could go wrong. The classic one is that the IF transformers are peaked 10 or 15 KC off the xtal freq. Here in the 21st century that's easy to deal with by taking a counter to the sig generator.

Cleaning the crystal is not a bad idea either. Use acetone or other effective degreaser. Even soap and water is OK.

73,

Al

--

Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

Message-ID: <3E6D4A55.42F8166C@Aschen.com>
Date: Mon, 10 Mar 2003 20:30:45 -0600
From: Tom Aschenbrenner <boat@Aschen.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Parts Request for the submarine USS COBIA
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Group:

This is a list of vacuum tubes used in restored operational equipment aboard the USS COBIA (SS-245).

If any of these are surplus to your needs, or if you know of others that might have these type numbers, they would find a GREAT home via donation to the Wisconsin Maritime Museum. They will be used as operating spares for the boat.

The contact person is:

Bill Thiesen
Curator/Assistant Director
Wisconsin Maritime Museum
75 Maritime Drive
Manitowoc, WI. 54220
920-684-0218

Thanks for your help,

Tom Aschenbrenner

> ALL NEEDED TUBES:

>

> 0C3

> 0D3

> VR105-30

> VR150-30

> 2A3

> 2J50

> 2X2

> 3B24

> 4PR60

> 5D21

> 5FP7

> 5HP1

> 5R4

> 5U4

> 5Y3

> 5Z3

- > 6A7
- > 6AC7
- > 6AG7
- > 6AK5
- > 6C6
- > 6D6
- > 6E5
- > 6H6
- > 6J5
- > 6K6
- > 6K7
- > 6L6
- > 6SA7
- > 6SC7
- > 6SJ7
- > 6SK7
- > 6SN7
- > 6SQ7
- > 6V6
- > 6X5
- > 12A6
- > 12H6
- > 12SA7
- > 12SG7
- > 12SJ7
- > 12SK7
- > 12SQ7
- > 41
- > 47 Pilot Lamp
- > 76
- > 77
- > 80
- > 84
- > 322 Pilot Lamp
- > 703-A
- > 705A
- > 706AY,BY,CY
- > 717A
- > 721A
- > 726B
- > 803
- > 807
- > 836
- > 860
- > 874
- > 876
- > 955
- > 991

- > 1625
- > 9005
- > 38160
- > 38205
- > 38250
- > 38803

> The above sorted list as used by each type of equipment *****

>

> 1MC Alarm & Announcement Sytem:

>

> 6C6

> 76

> 6D6

> 6L6

> 84

> 5Z3

> 6SC7

> 6X5

>

> SJ-1 Radar:

>

> 2X2

> 5D21

> 4PR60

> 5FP7

> 5HP1

> 705A

> 3B24

> 706AY,BY,CY

> 717A

> 721A

> 726B

> 836

> 5U4

> 6AC7

> 6AG7

> 6H6

> 6L6

> 6SN7

> 6SQ7

> 6V6

> 6X5

> 807

- > 991
- > 0C3
- > VR105-30
- > 38205
- > 0D3
- > VR150-30
- > 38250
- > 322 Pilot Lamp
- > 47 Pilot Lamp
- >
- > ST Radar: (currently under restoration)
- >
- > 6SN7
- > 6V6
- > 6AK5
- > 6H6
- > 5D21
- > 705A
- > 2J50
- >
- > RAK and RAL receivers:
- >
- > 6D6
- > 41
- > 5Z3
- > 874
- > 876
- > 80
- >
- > RB0 receivers:
- >
- > 6K7
- > 6J5
- > 6SA7
- > 6SK7
- > 6H6
- > 6J5
- > 6SJ7
- > 6K6
- > 6E5
- > 6X5
- >
- > APR-1 Receiver:
- >
- > 9005
- > 955
- > 703-A
- > 6E5

> 6AC7
> 6H6
> 6AG7
> 5Y3
>
> TBL Transmitter:
>
> 860
> 38160
> 803
> 38803
> 2A3
>
> TCS-12 Transmitter/Receiver:
>
> 12A6
> 1625
> 12SK7
> 12SA7
> 12SQ7
> 5R4
> 5U4
> 6X5
>
> RBS-2 receiver:
>
> 12SG7
> 12H6
> 12SJ7
> 12SK7
> 12A6
> 5U4
> 6V6
>
> LM-12 Frequency Meter:
>
> 76
> 77
> 6A7
> 991

End of BOATANCHORS Digest 3460
